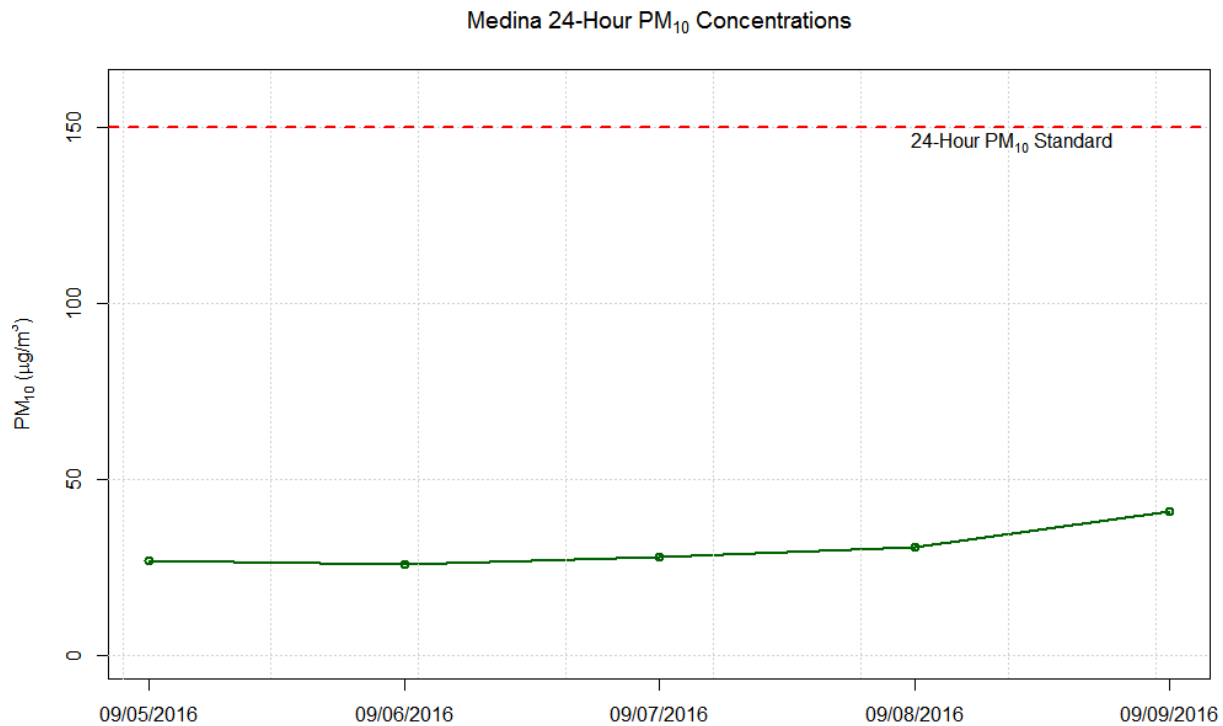


SR 520 Bridge Replacement and HOV Program

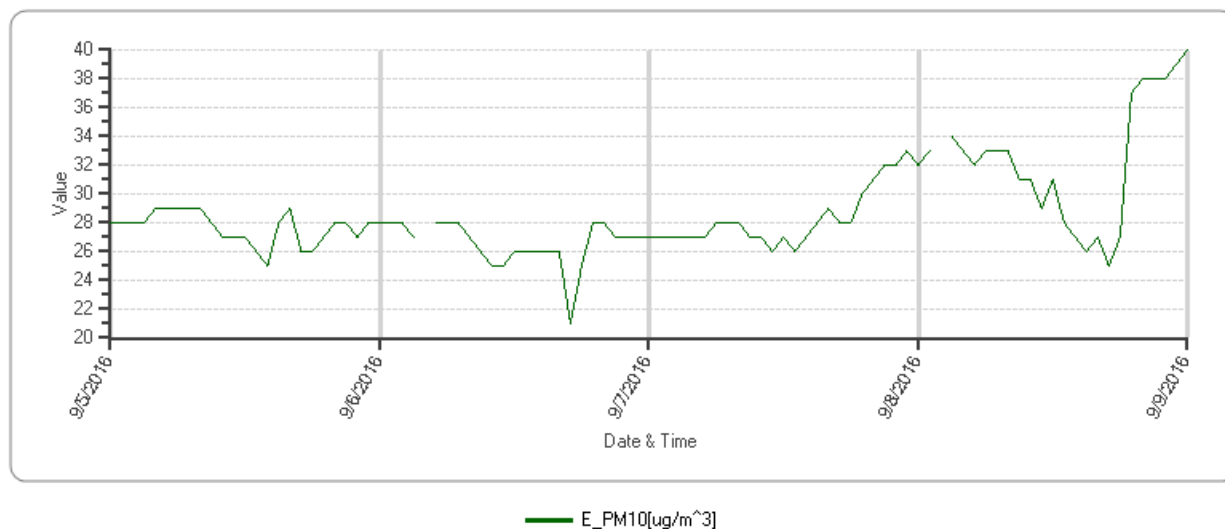
Bridge Decommissioning PM₁₀ Monitoring Report for September 5-9, 2016¹



Particulate matter of 10 microns or less in aerodynamic diameter (also known as PM₁₀) were measured using a Met One Instruments E-Sampler. PM₁₀ concentrations at the SR-520 temporary monitoring site in Medina indicated a slight increase over the September 5th to 9th period. Values remain at less than one third of the National Ambient Air Quality Standard for PM₁₀. Hourly averages and wind speeds are shown in the graphs below.

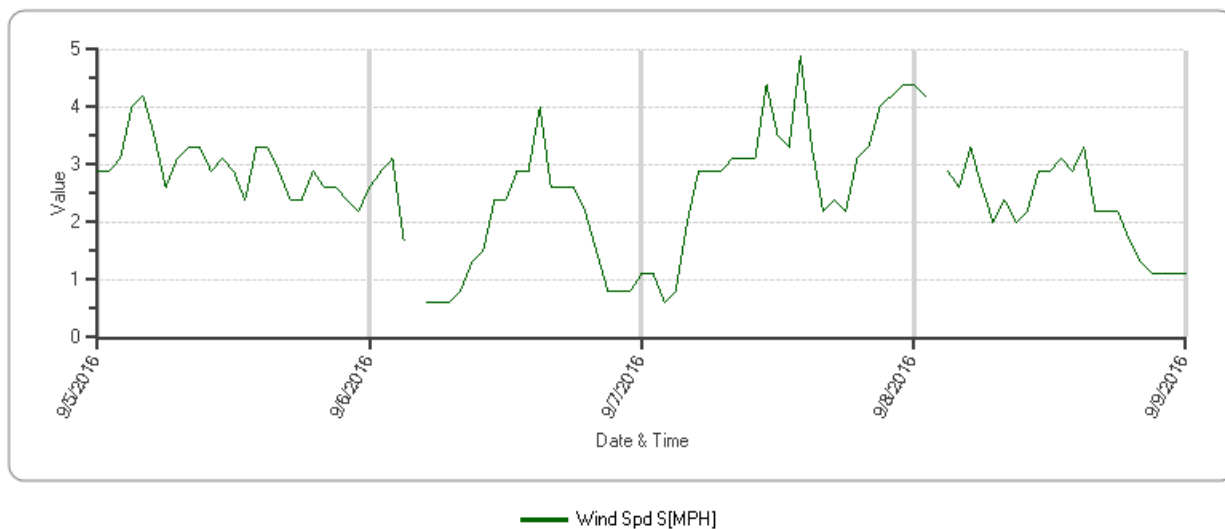
¹ Note: The monitoring data used for this report have yet to be thoroughly reviewed for validity and are considered preliminary.

Site:Mobile_Medina Periodic:9/5/2016 12:00 AM - 9/9/2016 12:00 AM Report Type:AVG



The above graphic shows 1-hour average PM₁₀ concentrations for September 5 through September 9 at the temporary SR-520 site in Medina. The minimum 1-hour PM₁₀ concentration was 21 µg/m³, recorded on September 6th. The highest 1-hour PM₁₀ concentration was 40 µg/m³, recorded on September 9th.

Site:Mobile_Medina Periodic:9/5/2016 12:00 AM - 9/9/2016 12:00 AM Report Type:AVG



The above graphic shows wind speed (WS) measurements that were taken from September 5th through September 9th at the temporary SR-520 site in Medina. The minimum 1-hour average wind speed was 0.6 mph on September 6th. The highest 1-hour average wind speed of 4.9 was recorded on September 7th.